

Date	21-Nov-22
Team ID	PNT2022TMD27750
Project Name	Project -IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 marks

Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation(Y/N)	BUG ID	Executed By
pythoncode_TC_001	code	python3.7.0	Verify python code is run without error	software	1.download python version 3.7.0 2.type the program and save it 3.verify it is run continuously	import json import wattp.sdk.device import time myConfig={ "identity": "orgId": "36200", "deviceId": "childSafetyDevice", "deviceId": "jho7770", "auth": "token": "HIC8270js+03", "userName": "client": wattp.sdk.device.Device Client(config=myConfig, logHandlers=None) client.connect() while True: name="locater"		Working as expected	Pass	steps are clear to follow	yes	NIL	Thaboral Grace

				Date	21-Nov-22									
				Team ID	PNT2022TMD27750									
				Project Name	Project -IoT Based Safety Gadget for Child Safety Monitoring and Notification									
				Maximum Marks	4 marks									
Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation(Y/N)	BUG ID	Executed By	
IBM cloud_TC_002	Functional	IBM Cloud services	verify the IBM cloud login	IBM cloud services	1.login IBM cloud.com 2.obtain the promocode in ICT Academy	email id: 3114191060230@marriottm2.com	successfully created the IBM account	Working as expected	Pass	Steps are not clear to follow	yes	nil	vaishnavi	
IBM VATSON IOT Platform_TC_003	Functional	IBM cloud services	Verify and create a device in the IBM Watson platform and get the device credentials	IBM cloud services	1.in IBM cloud services go to catalog 2.To create a IOT platform. 3.launch the IBM Watson IOT platform 4. login the platform by clicking organization 5. create a device and		{ "name": "locater", "lat": 13.15412, "lon": 80.05729}	working as expected	Pass	Steps are not clear to follow	yes	nil	sowmya	
board_TC_004	Non-Functional	IBM cloud services	verify the events shown in the card	IBM cloud services	1.go to IBM watson IOT platform 2.create the board	board: monitoring	gauge: latitude gauge: longitude	working as expected	Pass	Steps are not clear to follow	yes	NIL	catherine	
cloudantDB_TC_004	dataset	IBM Cloud services	Verify the events stored in the board	IBM cloud services	1.go to IBM cloud services 2.in resources list,click on cloudant 3.in database create a	document: tracker	successfully created the database	Working as expected	Pass	Steps are not clear to follow	yes	NIL	vaishnavi	
NodeRedService_TC_005	Functional	IBM Cloud services	Verify to create a node red services	IBM cloud services	1.in IBM cloud services go to catalog 2.create a node red app 3.deploy the app 4.visit the app URL 5.in node red we connect th	using geofence node, we create a form of circle to check whether the child in that area or not	nodes: are connected	Working as expected	Pass	Steps are not clear to follow	yes	NIL	Thaboral Grace	

					Date	21-Nov-22							
					Team ID	PNT2022TMD27750							
					Project Name	Project -IoT Based Safety Gadget for Child Safety Monitoring and Notification							
					Maximum Marks	4 marks							
Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation(Y/N)	BUG ID	Executed By
board_TC_004	Non-Functional	IBM cloud services	verify the events shown in the card	IBM cloud services	1.go to IBM watson IOT platform 2.create the board	board: monitoring	gauge: latitude gauge:longitude	working as expected	Pass	Steps are not clear to follow	yes	NIL	catherine
cloudantDB_TC_004	dataset	IBM Cloud services	Verify the events stored in the board	IBM cloud services	1.go to IBM cloud services 2.in resources list,click on cloudant 3.in database create a	document: tracker	successfully created the database	Working as expected	Pass	Steps are not clear to follow	yes	NIL	vaishnavi
NodeRedService_e_TC_005	Functional	IBM Cloud services	Verify to create a node red services	IBM cloud services	1.in IBM cloud services go to catalog 2.create a node red app 3.deploy the app 4.visit the app URL 5.in node red we connect th	using geofence node, we create a form of circle to check whether the child in that area or not	nodes: are connected	Working as expected	Pass	Steps are not clear to follow	yes	NIL	Thaboral Grace
webUI_TC_006	Functional	node red	to creta a web UI to interact with	Node Red Services	1.go to dashboard 2.open a link	shows the exact location	pins the location of the person	working as expected	Pass	Steps are not clear to fol	yes	NIL	sowmya

Test Scenarios	
1	Verify the python code is run without error

2	verify the login of the cloud services
3	verify create a device in the IBM Watson IOT platform and get the device credentials
4	verify the events shown in the card
5	verify the events is stored in the database
6	verify to create node-red services
7	to create a web UI to interact with user
8	verify user is able to login to the app with valid credentials
9	verify it shows the location of the user